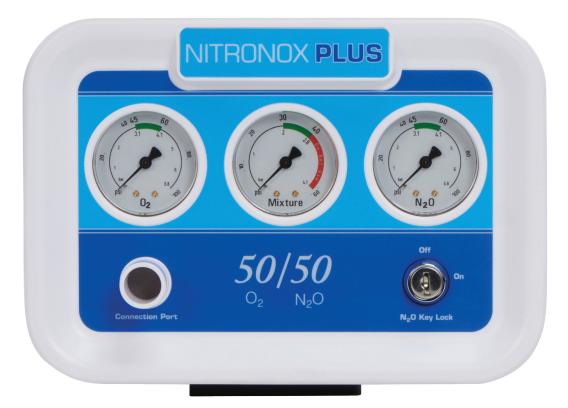
## NITRONOX PLUS®

# 50/50 Fixed Demand Flow Nitrous Oxide & Oxygen System



- 50/50 fixed  $O_2/N_2O$  demand flow system
- Designed for use with children and adults
- Key lock mechanism for safety and security
- Audible low gas pressure alarm
- Internal, but accessible demand valve
- Safety function test button
- Designed to meet infection control standards
- Manufactured and serviced in the USA
- 3-year warranty



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### **Specifications**

#### Dimensions

11" L x 11" W x 8" H (28 cm L x 28 cm W x 20.3 cm H)

Weight 13 lbs (5.9 kg)

#### **Connection Fittings**

Oxygen Inlet: DISS 1240 (Male) Nitrous Oxide Inlet: DISS 1040A (Male) Mixed Gas Connection Port: 22 mm taper

#### **Gas Supply Pressure**

0<sub>2</sub>: 45 to 60 psi (310.3 to 413.6 kPa) N<sub>2</sub>0: 45 to 60 psi (310.3 to 413.6 kPa)

#### Temperature

Storage & Transportation: -40°F to 140°F (-40°C to 60°C) Operational: 41°F to 100°F (5°C to 38°C)

#### Humidity

Storage & Transportation: 10-70% Operational: 10-70%

#### **Atmospheric Pressure**

1 atm ± 0.2 atm (101 kPa ± 20 kPa)

**Mixture Settings** Preset 50% N<sub>2</sub>O/O<sub>2</sub> (50/50 model)

**Delivery Flowrate** Up to 100 L/min total flow at 50% N<sub>2</sub>0/O<sub>2</sub>

#### **Delivery Accuracy** Normal and Heavy Breathing: $\pm 5\% O_2$ Light/Shallow Breathing: $+20/-5\% O_2$

#### Usage Time

With "E" Cylinders at normal breathing rates, gas supply will last approximately:

 $N_20: 6$  hours  $O_2: 2$  hours

#### **Alarm Activation**

Whistle alarm signals low gas supply when pressure drops to approximately 35 psi (2.41 bar)

#### **Demand Valve**

Cracking Pressure: < 2 cmH<sub>2</sub>0



#### **Part # NOX-PLUS-5050** Nitronox Plus® 50/50 Model





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